Dayton

Stock No. 1WDC2

Job Name:
Mark:

Submitted By:
Date:12/16/2025

Fans

Standard-Duty Belt-Drive Exhaust Fan

Designed for commercial and industrial applications requiring high volumes of air at low static pressures. Construction includes rigid drive frame rails and one-piece motor/bearing plate. Mount fan in vertical position for exhaust applications or horizontal position for supply applications.

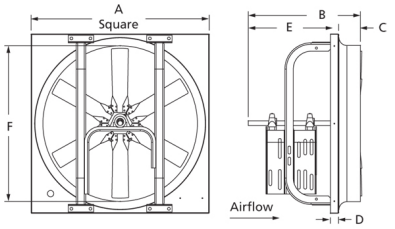
- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104º F
- 6-Blade reinforced galvanized steel propellers

AMCA Sound & Air

Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

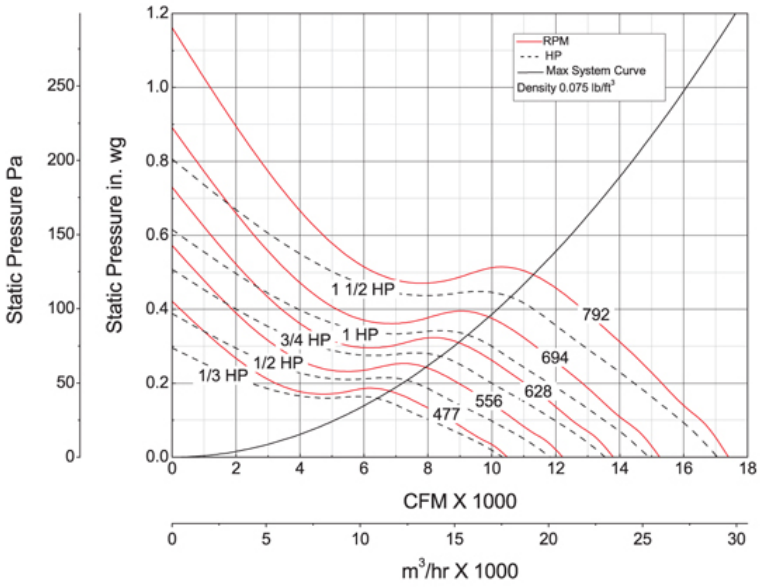
UL/cUL 705

c UL us LISTED
E53236



A	B	C	D	E	F
40 in	22 in	6 in	1 in	16 in	36 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	36 in
Impeller Type	Propeller
Impeller Material	Galvanized Steel
Number of Blades	6
Max Inlet Temp	104 °F
Bearing Type	Regreaseable Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP
1/3	0.39	477	CFM	10,484	8176	—	—
			Sones	12.5	11.9	—	—
1/2	0.60	556	CFM	12,220	10,328	—	—
			Sones	15.8	14.9	—	—
3/4	0.90	628	CFM	13,802	12,156	10,205	—
			Sones	18.7	18.3	18.2	—
1	1.20	694	CFM	15,253	13,798	12,111	9875
			Sones	21.0	20.0	19.9	19.9
1 1/2	1.80	792	CFM	17,407	16,198	14,753	13,170
			Sones	28.0	27.0	27.0	28.0

Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: Free inlet hemispherical fan sone levels.